

# Converting Colors

Hex(688C75)

Have a look what the booklet for  
Hex(688C75) contains.

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# Color

Hex(688C75)

# Conversions

## Conversions Part 1

Format	Color
Hex	688C75
RGB	104, 140, 117
RGB Percent	41%, 55%, 46%
CMY	0.5922, 0.4510, 0.5412
CMYK	0.26, 0.00, 0.16, 0.45
HSL	142°, 15%, 48%
HSV	142°, 26%, 55%
XYZ	18.2979, 22.9836, 20.3015
YIQ	126.6140, -14.0730, -14.7850

# Conversions

## Conversions Part 2

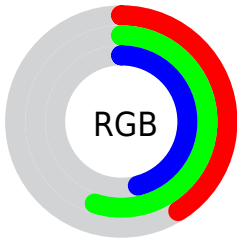
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 130, 140
Decimal	6851701
CIELab	55.06, -17.57, 8.25
CIELCh	55, 19.408, 154.839
Yxy	22.9836, 0.2971, 0.3732
Android (android.graphics.Color)	4285041781 (0xFF688C75)
YUV	126.6140, -4.7397, -19.8325
Hunter-Lab	47.9412, -15.7683, 8.4515

# Details

The Hex color **688C75** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8C687F**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **9CC2A9**, and **385A45** is the 20% darker color. If you saturate the color by 10%, you get **5A8C6C**, and if you desaturate by 10%, it is **768C7E**.

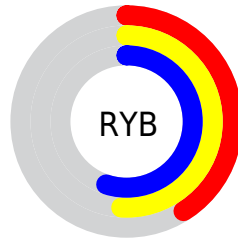
# Distribution



Red (41%)

Green (55%)

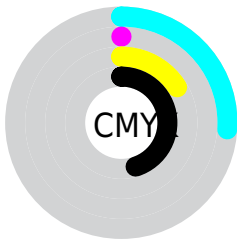
Blue (46%)



Red (41%)

Yellow (51%)

Blue (55%)

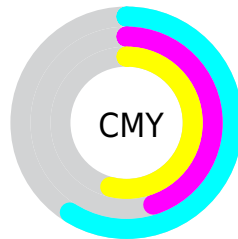


Cyan (26%)

Magenta (0%)

Yellow (16%)

Black (45%)



Cyan (59%)

Magenta (45%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 688C75 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 688C75 by changing the saturation by 10% instead.





688C75



688C75

FFFFFF



4F725C



9CC2A9



385A45



B7DEC4



21422E



D3FAE0



0A2C1A



EFFFFD



001900



000000



688C75



688C75



5A8C6C



768C7E



4C8C63



848C87

 3E8C5A

 928C90

 308C51

 A08C99

 228C48

 AE8CA2

 148C3F

 BC8CAB

 068C36

 CA8CB4

 008C33

 D88CBD

 E68CC6

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7B8968



688C75



598D86

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



688C75



7384A5



A57971

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



688C75



8C687F

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



A57882



688C75



8A7F9F

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



688C75



5E89A2



9C7A92



9D7E66

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



688C75



548D91



9C7A92



A67876



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



688C75



A7B5AC



7F8C68



535C56



DBDBDB



5C5C5C



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



688C75



7DB591



688C87



3E4540



008530



000502



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8C687F



B57DA1



8C686D



453E42



850055



050003



# Previews

## White Background



This preview shows how the Hex color 688C75 looks on a white background.

## Color Contrast Check

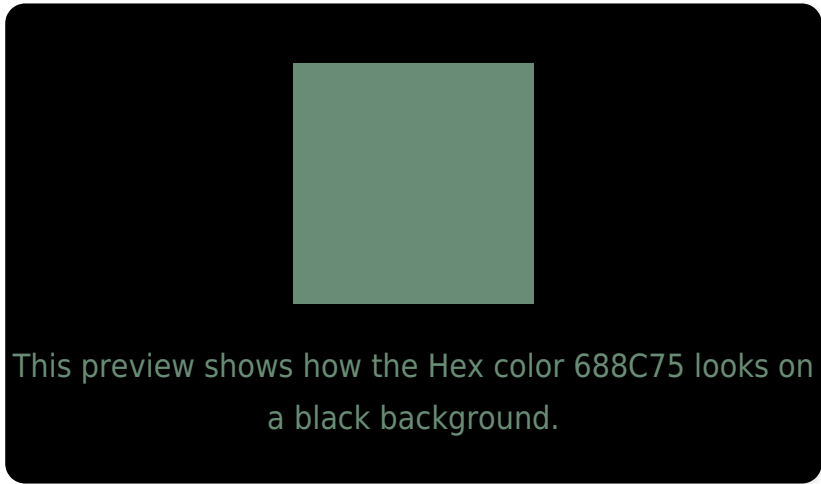
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

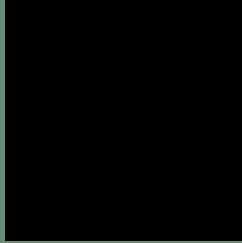
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 688C75 Background



This preview shows how black text looks on a background with the Hex color 688C75.

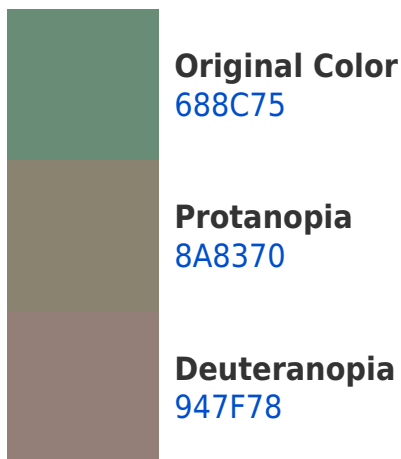


This preview shows how white text looks on a background with the Hex color 688C75.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



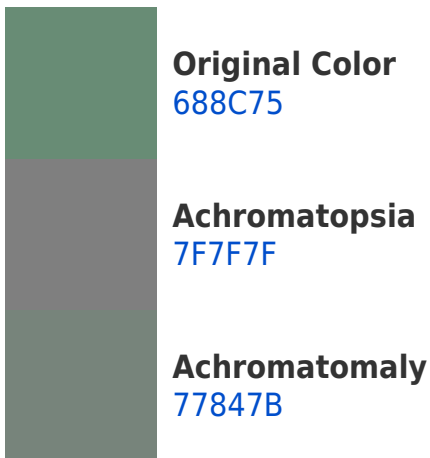


**Tritanopia**  
6E8893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 688C75 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #688C75 looks like.

```
.text, #text, p{  
    color:#688C75  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #688C75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #688C75
}
```

## Border

The CSS property to change the border of an element to Hex 688C75 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#688C75 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#688C75 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #688C75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #688C75; -webkit-box-shadow:4px 4px  
4px 4px #688C75; box-shadow:4px 4px 4px  
4px #688C75 }
```

# Background

The CSS property to change the background color of an element to Hex 688C75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#688C75 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#688C75 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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